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May 28, 2004

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Art Unit 2816

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Re:

U.S. Utility Patent Application

Appl. No. 10/777,629; Filed: February 13, 2004 For: Linear Low Noise Transconductance Cell

Inventor:

Brooks et al.

Our Ref.:

1875.3960001

Sir:

Transmitted herewith for appropriate action are the following documents:

- An original executed Power of Attorney from Assignee; 1.
- 2. A Statement Under 37 C.F.R. § 3.73(b) from Assignee with a copy of the Assignment (not for recordation) attached; and
- 3. One (1) return postcard.

It is respectfully requested that the attached postcard be stamped with the date of filing of these documents, and that it be returned to our courier. In the event that extensions of time are necessary to prevent abandonment of this patent application, then such extensions of time are hereby petitioned.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

Jeffrey T. Helvey Attorney for Applicants Registration No. 44,757

JTH/LAG/lam **Enclosures**

269399.1

PTO/SB/96 (08-03)
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	STATEMENT U	NDER 37 CFR 3.	73(b)	1875.3960001
Applicant/Patent Owner: Brooks e	t al.			
Application No./Patent No.:	10/777,629 Filed/	Issue Date:	February 13, 20	04
Entitled: Linear Low Noise Transc	conductance Cell			
Broadcom Corporation (Name of Assignee)	, а _ç. (Туг	orporation pe of Assignee, e.g., cor	poration, partnership, university,	government agency, etc.)
states that it is: 1. the assignee of the entire rig.	ht, title, and interest; or			
an assignee of less than the The extent (by percentage) of Identified above by virtue of each of the control of the contr	f its ownership interest is	est. % in t	ne patent application pate	nt
A. [x] An assignment from the inverses recorded in the Patent are a copy thereof is attached.	ntor(s) of the patent appliced at Resident American Resident American Resident American Resident American Resident Resident American Resident Resid	cation/patent identi eel, F	fled above. The assignme rame, or for wh	nt ich
OR				
	recorded in the Patent a	To: ————————————————————————————————————		
				d.
The document was Reel	recorded in the Patent a	nd Trademark Offic	ce at ch a copy thereof is attach	ed.
3. From: The document was	recorded in the Patent an	To:	e at	
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[] Additional documents	in the chain of title are lis	ted on a suppleme	ntal sheet.	
[X] Copies of assignments or other [NOTE: A separate copy (i.e., t must be submitted to Assignment recorded in the records of the F	he original assignment do ent Division in accordance	ocument or a true c	opy of the original docum	ent) be
The undersigned (whose title is sup	plied below) is authorized	d to act on behalf o	f the assignee.	
May 19,2004	7804	(Dee Henderson	
949 - 926-595	8		Typed or printed name	~
Telephone number			Signature	
,		Man	ager, Intellectual Property	Portfolio_

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you are required to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. VA 22313-1450.

Docket No. 1875.3960001

ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00) or equivalent and other good and valuable consideration paid to each of the undersigned inventor: (1) Todd Brooks, (2) Jungwoo Song, (3) Wynstan Tong, the undersigned inventor hereby sells and assigns to <u>Broadcom Corporation</u> (the Assignee) his entire right, title and interest, including the right to sue for past infringement and to collect for all past, present and future damages:

check applicable box(es)

🖾 for the United States of America (as defined in 35 U.S.C. § 100),

and throughout the world,

(a) in the invention(s) known as Linear Low Noise Transconductance Cell for which application(s) for patent in the United States of America has (have) been executed by the undersigned on (1) 2/13/64 (2) 2/13/64, and (3) 2/13/64 (also known as United States Application No. <u>To be assigned</u>, filed <u>Herewith</u>), in any and all applications thereon, in any and all Letters Patent(s) therefor, and

X 2)13/14

- (b) in any and all applications that claim the benefit of the patent application listed above in part (a), including continuing applications, reissues, extensions, renewals and reexaminations of the patent application or Letters Patent therefor listed above in part (a), to the full extent of the term or terms for which Letters Patents issue, and
- (c) in any and all inventions described in the patent application listed above in part (a), and in any and all forms of intellectual and industrial property protection derivable from such patent application, and that are derivable from any and all continuing applications, reissues, extensions, renewals and reexaminations of such patent application, including, without limitation, patents, applications, utility models, inventor's certificates, and designs together with the right to file applications therefor; and including the right to claim the same priority rights from any previously filed applications under the International Agreement for the Protection of Industrial Property, or any other international agreement, or the domestic laws of the country in which any such application is filed, as may be applicable;

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all such rights, title and interest to be held and enjoyed by the above-named Assignee, its successors, legal representatives and assigns to the same extent as all such rights, title and interest would have been held and enjoyed by the Assignor had this assignment and sale not been made.

The undersigned inventor agrees to execute all papers necessary in connection with the application(s) and any continuing (continuation, divisional, or continuation-in-part), reissue, reexamination or corresponding application(s) thereof and also to execute separate assignments in connection with such application(s) as the Assignee may deem necessary or expedient.

The undersigned inventor agrees to execute all papers necessary in connection with any interference or patent enforcement action (judicial or otherwise) related to the application(s) or any continuing (continuation, divisional, or continuation-in-part), reissue or reexamination application(s) thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference or patent enforcement action.

The undersigned inventor hereby represents that he has full right to convey the entire interest herein assigned, and that he has not executed, and will not execute, any agreement in conflict therewith.

The undersigned hereby grants James D. Bennett, Registration No. 37,550, Jeffrey DeRoy Wheeler, Registration No. 39,066; Noel Benjamin Whitley, Registration No. 42,225; and Harry Shannon Tyson, Jr., Registration No. 42,193, of Broadcom Corporation, 16215 Alton Parkway. Irvine, CA 92618-3616, and Robert Greene Sterne, Esquire, Registration No. 28,912; Edward J. Kessler, Esquire, Registration No. 25,688; Jorge A. Goldstein, Esquire, Registration No. 29,021; David K.S. Cornwell, Esquire, Registration No. 31,944; Robert W. Esmond, Esquire, Registration No. 32,893; Tracy-Gene G. Durkin, Esquire, Registration No. 32,831; Michele A. Cimbala, Esquire, Registration No. 33,851; Michael B. Ray, Esquire, Registration No. 33,997; Robert E. Sokohl, Esquire, Registration No. 36,013; Eric K. Steffe, Esquire, Registration No. 36,688; Michael O. Lee. Esquire, Registration No. 35,239; Steven R. Ludwig, Esquire, Registration No. 36,203; John M. Covert, Esquire, Registration No. 38,759; Linda E. Alcorn, Esquire, Registration No. 39,588; Lawrence B. Bugaisky, Esquire, Registration No. 35,086; Donald J. Featherstone, Esquire, Registration No. 33,876; Robert C. Millonig, Esquire, Registration No. 34,395; Michael V. Messinger, Esq., Registration No. 37,575; Judith U. Kim, Esq., Registration No. 40,679; Timothy J. Shea, Jr., Esq., Registration No. 41,306; and Patrick E. Garrett, Esq., Registration No. 39,987; all of STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C., 1100 New York Avenue, N.W., Washington, D.C. 20005-3934 power to insert in this assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

IN WITNESS WHEREOF, executed by the undersigned inventor on the date opposite his name.

Date:	2/13/04	Signature of Inventor. I would Brooks
		Todd Brooks
Date:	2/13/04	Signature of Inventor: Jungwoo Song
	, , ,	Jungstvoo Sorig
Date:	2/13/04	Signature of Inventor: TONG 19 - VAZ Cuta
		Wynstan Tong
223491		

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POWER OF ATTORNEY FROM ASSIGNEE

Broadcom Corporation, a corporation of California, having a principal place of business at 16215 Alton Parkway, Irvine, California 92618-3616, is assignee of the entire right, title and interest for the United States of America (as defined in 35 U.S.C. § 100), by reason of an Assignment to the Assignee executed on February 13, 2004 of an invention known as Linear Low Noise Transconductance Cell (Attorney Docket No. 1875.3960001), which is disclosed and claimed in a patent application of the same title by the inventors (1) Todd Brooks, (2) Jungwoo Song and (3)Wynstan Tong (said application filed on February 13, 2004 at the U.S. Patent and Trademark Office, having Application Number 10/777,629).

The Assignee hereby appoint the U.S. attorneys James D. Bennett, Registration No. 37,550, Jeffrey DeRoy Wheeler, Registration No. 39,066; Noel Benjamin Whitley, Registration No. 42,225; and Harry Shannon Tyson, Jr., Registration No. 42,193, of Broadcom Corporation, 16215 Alton Parkway, Irvine, CA 92618-3616, and the attorneys associated with CUSTOMER NUMBER 28393 to prosecute this application and any continuation. divisional, continuation-in-part, or reissue application thereof, and to transact all business in the U.S. Patent and Trademark Office connected therewith, such attorneys currently being: Robert Greene Sterne, Esq., Reg. No. 28,912; Edward J. Kessler, Esq., Reg. No. 25,688; Jorge A. Goldstein, Esq., Reg. No. 29,021; David K.S. Cornwell, Esq., Reg. No. 31,944; Robert W. Esmond, Esq., Reg. No. 32,893; Tracy-Gene G. Durkin, Esq., Reg. No. 32,831; Michele A. Cimbala, Esq., Reg. No. 33,851; Michael B. Ray, Esq., Reg. No. 33,997; Robert E. Sokohl, Esq., Reg. No. 36,013; Eric K. Steffe, Esq., Reg. No. 36,688, Michael Q. Lee, Esq., Reg. No. 35,239; Steven R. Ludwig, Esq., Reg. No. 36,203; John M. Covert, Esq., Reg. No. 38,759; Linda E. Alcorn, Esq., Reg. No. 39,588; Lawrence B. Bugaisky, Esq., Reg. No. 35,086; Donald J. Featherstone, Esq., Reg. No. 33,876; Robert C. Millonig, Esq., Reg. No. 34,395; Michael V. Messinger, Esq., Reg. No. 37,575; Judith U. Kim, Esq., Reg. No. 40,679; Timothy J. Shea, Jr., Esq., Reg. No. 41,306; and Patrick E. Garrett, Esq., Reg. No. 39,987. The Assignee hereby grants said attorneys the power to insert on this Power of Attorney any further identification that may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office.

Send correspondence to:

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C. 1100 New York Avenue, N.W. Washington, D.C. 20005-3934

U.S.A.

Direct phone calls to 202-371-2600.

SIGNATURE:

FOR: Broadeem Corporati

BY: Dee Henderson

TITLE: Manager, Intellectual Property Portfolio

DATE: May 19, 2004

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